

	4,124,887	November 7, 1978	Johnson et al.	364/107	
	4,126,762	November 21, 1978	Martin et al.	179/2A	
	4,135,213	January 16, 1979	Wintfeld et al.	358/142	
	4,142,156	February 27, 1979	Freund	325/309	
	4,145,717	March 20, 1979	Guif et al.	358/121	
	4,148,066	April 3, 1979	Saylor	358/127	
	4,156,253	May 22, 1979	Steudel	358/11	
	4,156,931	May 29, 1979	Adelman et al.	364/900	
	4,163,252	July 31, 1979	Mistry et al.	358/118	
	4,180,709	December 25, 1979	Cosgrove et al.	179/2 AM	
	4,199,656	April 22, 1980	Saylor	178/66.1	
	4,199,781	April 22, 1980	Doumit	358/83	
	4,199,809	April 22, 1980	Pasahow et al.	364/200	
	4,207,524	June 10, 1980	Purchase	375/22	
	4,214,273	July 22, 1980	Brown	358/188	
	4,215,366/ 31,735	November 19, 1984	Davidson 7/80	358/124	
RE	4,216,497	August 5, 1980	Ishman et al.	358/84	
Change(s) applied	4,222,068	September 9, 1980	Thompson	358/120	
to document,	4,225,884	September 30, 1980	Block et al.	358/122	
/P.A.P./	4,245,246	January 13, 1981	Cheung	358/124	
4/3/201	4,246,611	January 20, 1981	Davies	358/194	
	4,247,947	January 27, 1981	Miyamoto	455/38	
	4,250,521	February 10, 1981	Wright	358/8	
	4,258,386	March 24, 1981	Cheung	358/84	
	4,266,243	May 5, 1981	Shutterly	358/121	
	4,272,784	June 9, 1981	Saito et al.	358/127	
	4,273,962	June 16, 1981	Wolfe	179/7.1R	
	4,292,650	September 29, 1981	Hendrickson	358/123	
	4,295,155	October 13, 1981	Jarger et al.	358/12	
	4,301,542	November 17, 1981	Weintraub et al.	455/353	
	4,305,101	December 8, 1991	Yarbrough et al.	360/69	
	4,310,854	January 12, 1982	Baer et al.	358/143	
	4,316,217	February 16, 1982	Rifken	358/86	
	4,318,047	March 2, 1982	Dawson	328/112	
	4,323,921	April 6, 1982	Guillou	358/114	
	4,323,922	April 6, 1982	den Toonder et al.	358/117	
	4,329,711	May 11, 1982	Cheung	358/114	
	4,335,426	June 15, 1982	Maxwell et al.	364/200	
	4,340,906	July 20, 1982	den Tooder et al.	358/124	
	4,341,925	July 27, 1982	Frosch et al.	178/22.17	
	4,343,042	August 3, 1982	Schrock et al.	455/5	
	4,348,696	September 7, 1982	Bejer	358/188	
	4,351,028	September 21, 1982	Peddie et al.	364/483	
	4,354,201	October 12, 1982	Sechet et al.	358/122	

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	4,494,142	January 15, 1985	Mistry	358/118	
	4,496,975	January 29, 1985	Noirel	358/147	
	4,504,831	March 12, 1985	Jahr et al.	340/870.03	
	4,506,387	March 9, 1985	Walter	455/612	
	4,510,623	April 9, 1985	Bonneau et al.	455/181	
	4,528,589	July 9, 1985	Block et al.	358/122	
	4,531,020	July 23, 1985	Wechselberger et al.	178/22.08	
	4,531,021	July 23, 1985	Bluestein et al.	178/22.08	
	4,540,849	September 10, 1985	Oliver	179/2 AM	
	4,543,616	September 24, 1985	Brooks	358/335	
	4,547,804	October 15, 1985	Greenberg	358/142	
	4,554,584	November 19, 1985	Elam et al.	358/165	
	4,558,464	December 10, 1985	O'Brien, Jr.	455/4	
	4,563,702	January 7, 1986	Heller et al.	358/119	
	4,566,030	January 21, 1986	Nickerson et al.	358/84	
	4,570,930	February 18, 1986	Matheson	273/1 E	
	4,578,536	March 25, 1986	Oliver et al.	179/2 AM	
	4,578,718	March 25, 1986	Parker et al.	360/10.3	
	4,592,546	June 3, 1986	Fascenda et al.	273/1 E	
	4,592,546	June 3, 1986	Fascenda et al.	273/1 E	
	4,594,609	July 10, 1986 6/86	Romao et al.	358/119	
	4,595,952	June 17, 1986	Fillman	358/47	
	4,600,918	July 15, 1986	Belisomi et al.	340/711	
	4,600,921	July 15, 1986	Thomas	340/825.31	
	4,605,964	August 12, 1986	Chard	358/147	
	4,611,227	September 9, 1986	Brockhurst et al.	358/147	
	4,613,901	September 23, 1986	Gilhousen et al.	358/122	
	4,621,259	November 4, 1986	Schepers et al.	340/707	
	4,621,285	November 4, 1986	Schilling et al.	358/120	
	4,623,920	November 18, 1986	Dufresne et al.	358/122	
	4,626,892	December 2, 1986	Nortrup et al.	358/21 R	
	4,633,297	December 30, 1986	Skerlos et al.	358/22	
	4,636,858	January 13, 1987	Haue et al.	358/147	
	4,638,357	January 20, 1987	Heimbach	358/121	
	4,639,779	January 27, 1987	Greenberg	358/142	
	4,646,145	February 24, 1987	Percy et al.	358/84	
	4,649,533	March 10, 1987	Chorley et al.	370/58	
	4,658,290	April 14, 1987	McKenna	358/84	
	4,677,685	June 30, 1987	Kurisu	455/4	
	4,694,490	September 15, 1987	Harvey et al.	380/20	
	4,704,725	November 3, 1987	Harvey et al.	380/48	
	4,706,121	November 10, 1987	Young	358/142	
	4,710,919	December 1, 1987	Oliver et al.	370/96	
	4,710,955	December 1, 1987	Kauffman	380/10	

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	5,062,136	October 29, 1991	Gattis et al.	380/18	
	5,067,149	November 19, 1991	Schneid et al.	379/224	
	5,072,418	December 10, 1991	Boutaud et al.	364/715.06	
	5,075,771	December 24, 1991	Hashimoto	358/84	
	5,083,800	January 12, 1992	Lockton	273/439	
	5,093,718	March 3, 1992	Hoarty et al.	358/84	
	5,093,921	March 3, 1992	Bevins Jr.	455/4	
	5,101,267	March 31, 1992	Morales-Garza	358/84	
	5,108,115	April 28, 1992	Berman et al.	273/439	
	5,109,414	April 28, 1992	Fechner et al.	368/47	
	5,111,401	May 5, 1992	Everett, Jr. et al.	364/424.02	
	5,113,496	May 12, 1992	McCalley et al.	395/200	
	5,120,076	June 9, 1992	Luxemberg et al.	273/439	
	5,124,942	June 23, 1992	Nielsen et al.	395/100	
	5,132,992	July 21, 1992	Yurt et al.	375/122	
	5,133,079	July 21, 1992	Ballantyne et al.	455/4.1	
	5,140,419	August 18, 1992	Galumbeck et al.	358/142	
	5,142,677	August 25, 1992	Ehlig et al.	395/650	
	5,142,690	August 25, 1992	McMullan, Jr. et al.	455/6.1	
	5,144,664	September 1, 1992	Esserman et al.	380/20	
	5,148,482	September 15, 1992	Bocci et al.	380/48	
	5,151,789	September 29, 1992	Young	358/194.1	
	5,155,590	October 13, 1992	Beyers, II et al.	358/86	
	5,155,591	October 13, 1992	Wachob	358/86	
	5,155,812	October 13, 1992	Ehlig et al.	395/275	
	5,157,716	October 20, 1992	Naddor et al.	379/92	
	5,164,839	November 17, 1992	Lang	358/335	
	5,172,413	December 15, 1993	Bradley et al.	12/92 380/20	
	5,181,113	January 19, 1993	Chang	358/142	
	5,185,796	February 9, 1993	Wilson	380/21	
	5,187,797	February 16, 1993	Nielsen et al.	395/800	
	5,191,410	March 7, 1993	McCalley et al.	358/86	
	5,195,092	March 16, 1993	Wilson et al.	370/94.2	
	5,195,134	March 16, 1993	Inoue	380/20	
	5,202,916	April 13, 1993	Oliver	379/106	
	5,204,768	April 20, 1993	Tsakiris et al.	359/148	
	5,208,665	May 4, 1993	McCalley et al.	358/86	
	5,212,553	May 18, 1993	Maruoka	358/188	
	5,213,337	May 25, 1993	Sherman	273/439	
	5,216,504	June 1, 1993	Webb et al.	358/139	
	5,220,501	June 15, 1993	Lawlor et al.	364/408	
	5,222,137	June 22, 1993	Barrett et al.	380/21	
	5,223,924	June 29, 1993	Strubbe	358/86	
	5,225,902	July 6, 1993	McMullan, Jr.	358/86	

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Serial No. 08/487.411
Docket No. 5634.0318

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,237,484	December 2, 1980	Brown et al.	375/240.12	August 8, 1979
	4,237,486	December 2, 1980	Shimp	348/475	November 9, 1978
	4,245,246	January 13, 1981	Cheung	380/235	August 3, 1978
	4,247,106	January 27, 1981	Jeffers et al.	463/29	April 12, 1978
	4,250,489	February 10, 1981	Dudash et al.	340/825.02	October 31, 1978
	4,250,521	February 10, 1981	Wright	348/616	June 19, 1979
	4,250,524	February 10, 1981	Tomizawa	380/232	February 22, 1979
	4,251,691	February 17, 1981	Kakihara et al.	348/14.01	December 1, 1978
	4,253,114	February 24, 1981	Tang et al.	380/212	September 26, 1978
	4,253,157	February 24, 1981	Kirschner et al.	707/104	September 29, 1978
	4,262,329	April 14, 1981	Bright et al.	713/164	March 27, 1978
	4,264,925	April 28, 1981	Freeman et al.	725/138	August 13, 1979
	4,266,243	May 5, 1981	Shutterly	380/236	April 25, 1979
	4,275,411	June 23, 1981	Lippel	348/472	April 19, 1978
	4,283,602	August 11, 1981	Adams et al.	380/41	September 23, 1968
	4,284,976	August 18, 1981	Gable et al.	340/825.43	June 7, 1979
	4,286,281	August 25, 1981	Suzuki	386/12	September 26, 1979
	4,287,592	September 1, 1981	Paulish et al.	370/403	May 23, 1979
	4,288,809	September 8, 1981	Yabe	348/468	May 21, 1980
	4,290,141	September 15, 1981	Anderson et al.	725/24	July 2, 1979
	4,295,223	October 13, 1981	Shutterly	455/72	April 25, 1979
	4,302,771	November 24, 1981	Gargini	725/119	July 23, 1980
	4,304,990	December 8, 1981	Atalla	380/45	February 4, 1980
	4,305,131	December 8, 1981	Best	345/327	March 31, 1980
	4,306,289	December 15, 1981	Lumley	713/190	February 4, 1980
	4,306,305	December 15, 1981	Doi et al.	714/755	October 19, 1979
	4,307,446	December 22, 1981	Barton et al.	710/131	May 2, 1979
	4,310,854	January 12, 1982	Baer	348/484	August 28, 1979
	4,312,016	January 19, 1982	Glaab et al.	348/706	February 2, 1979
	4,313,132	January 26, 1982	Doles et al.	725/26	October 31, 1979
	4,314,367	February 2, 1982	Bakka et al.	370/422	January 17, 1980
	4,316,055	February 16, 1982	Feistel	380/37	December 30, 1976
	4,316,245	February 16, 1982	Luu et al.	709/106	December 7, 1978
	4,317,215	February 23, 1982	Tabata et al.	725/131	September 11, 1979
	4,318,125	March 2, 1982	Shutterly	380/236	April 25, 1979
	4,319,079	March 9, 1982	Best	713/190	January 17, 1980
	4,322,745	March 30, 1982	Saeki et al.	380/242	March 21, 1980
	4,323,921	April 6, 1982	Guillou	705/53	January 23, 1980
	4,323,922	January 6, 1982	de Toonder et al.	380/226	December 17, 1979
	4,325,078	April 13, 1982	Seatom et al.	380/230	November 20, 1979
	4,329,675	May 11, 1982	Van Hulle	725/32	September 23, 1980
	4,329,684	May 11, 1982	Monteath et al.	345/180	January 15, 1980
	4,330,794	May 18, 1982	Sherwood	380/206	February 25, 1980
	4,332,980	June 1, 1982	Reynolds et al.	370/259	May 30, 1980
	4,334,242	June 8, 1982	Mangold	386/46	January 14, 1980

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Serial No. 08/487,411
Docket No. 5634.0318

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,336,553	June 22, 1982	den Toonder et al.	380/206	May 14, 1980
	4,336,559	June 22, 1982	Koyama et al.	260/73.05	November 9, 1978
	4,337,480	June 29, 1982	Bourassin et al.	348/552	February 8, 1980
	4,338,628	July 6, 1982	Payne et al.	380/213	December 19, 1979
	4,339,798	July 13, 1982	Hedges et al.	463/26	December 17, 1979
	4,340,903	July 20, 1982	Tamura	348/187	August 6, 1980
	4,343,042	August 3, 1982	Schrock et al.	725/116	June 9, 1979
	4,347,498	August 31, 1982	Lee et al.	340/825.02	November 21, 1979
	4,347,532	August 31, 1982	Korver	348/565	October 14, 1980
	4,353,088	October 5, 1982	den Toonder et al.	380/206	May 14, 1980
	4,354,201	October 12, 1982	Sechet et al.	380/228	June 11, 1980
	4,360,828	November 23, 1982	Briggs, Jr. et al	725/114	August 7, 1978
	4,361,851	November 30, 1982	Asip et al.	725/14	January 4, 1980
	4,361,877	November 30, 1982	Dyer et al.	702/176	February 5, 1980
	4,364,081	December 14, 1982	Hashimoto et al.	348/617	April 16, 1981
	4,365,110	December 21, 1982	Lee et al.	380/28	June 5, 1979
	4,367,548	January 4, 1983	Cotten, Jr. et al.	359/125	April 10, 1980
	4,367,557	January 4, 1983	Stern et al.	725/149	May 25, 1979
	4,368,483	January 11, 1983	Liu	348/617	June 22, 1981
	4,368,486	January 11, 1983	Degoulet et al.	348/598	February 25, 1981
	4,374,437	February 15, 1983	Citta et al.	455/164.2	December 29, 1980
	4,375,579	March 1, 1983	Davida et al.	380/28	January 30, 1980
	4,375,651	March 1, 1983	Templin et al.	348/731	July 27, 1981
	4,378,470	March 29, 1983	Murto, el al.	379/93.05	March 25, 1981
	4,379,205	April 5, 1983	Wyner	380/28	June 22, 1979
	4,385,324	May 24, 1983	Shioda et al.	348/781	November 16, 1981
	4,388,643	June 14, 1983	Aminetzah	380/239	April 6, 1981
	4,388,645	June 14, 1983	Cox et al.	348/468	April 13, 1981
	4,388,664	June 14, 1983	Ishman et al.	361/93.6	August 3, 1981
	4,389,671	June 21, 1983	Posner et al.	380/235	September 29, 1980
	4,390,898	June 28, 1983	Bond et al.	380/241	March 23, 1981
	4,394,691	July 19, 1983	Amano et al.	348/734	July 30, 1981
	4,394,762	7/83 July 19, 1983	Nabeshima	714/758	January 6, 1981
	4,395,757	July 26, 1983	Bienvenu et al.	709/104	April 14, 1981
	4,396,915	August 2, 1983	Farnsworth et al.	340/870.03	March 31, 1980
	4,396,946	August 2, 1983	Bond	380/226	March 23, 1981
	4,396,947	August 2, 1983	Cheung	380/222	March 26, 1980
	4,398,216	August 9, 1983	Field et al.	380/238	September 19, 1980
	4,400,587	August 23, 1983	Taylor et al.	379/113	August 25, 1981
	4,405,942	September 20, 1983	Block et al.	380/214	March 3, 1982
	4,410,917	October 18, 1983	Newdall et al.	360/15	September 14, 1981
	4,413,339	November 1, 1983	Riggle et al.	714/765	July 24, 1981
	4,415,771	November 15, 1983	Martinez	379/43	April 3, 1981
	4,422,093	December 20, 1983	Pargue, Jr.	725/115	January 27, 1983
	4,424,532	January 3, 1984	den Toonder et al.	380/226	May 9, 1983

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,540,849	09/10/85	Oliver	179/2 AM	
	4,543,616	09/24/85	Brooks	358/335	
	4,554,584	11/19/85	Elam et al.	358/165	
	4,563,702	01/07/86	Heller et al.	358/119	
	4,570,930	02/18/86	Matheson	273/1 E	
	4,578,536	03/25/86	Oliver et al.	179/2 AM	
	4,578,718	03/25/86	Parker et al.	360/10.3	
Change(s) applied to document P.A.P. 4/5/2011	4,594,609	07/10/86	Romao et al.	358/119	
	4,595,952	06/17/86	Fillman	358/47	
	4,600,918	07/15/86	Belisomi et al.	340/711	
	4,600,921	07/15/86	Thomas	340/825.31	
	4,605,964	08/12/86	Chard	358/147	
	4,621,259	11/04/86	Schepers et al.	340/707	03/18/83
	4,621,285	11/04/86	Schilling et al.	358/120	12/10/80
	4,623,920	11/18/86	Dufresne et al.	358/122	01/20/83
	4,626,892	12/02/86	Nortrup et al.	358/21 R	03/05/84
	4,633,297	12/30/86	Skerlos et al.	358/22	04/01/85
	4,636,858	01/13/87	Hague et al.	358/147	10/30/84
	4,638,357	01/20/87	Heimbach	358/121	01/20/84
	4,644,396	02/17/87	Iwasaki	380/6	05/24/85
	4,649,533	03/10/87	Chorley et al.	370/58	10/25/83
	4,658,290	04/14/87	McKenna	358/84	10/05/84
	4,710,919	12/01/87	Oliver et al.	370/96	10/21/83
	4,718,107	01/05/88	Hayes	455/4	02/14/86
	4,723,302	02/02/88	Fulmer et al.	455/2	08/25/86
	4,736,422	04/05/88	Mason	380/120	02/22/85
	4,751,732	06/14/88	Kamitake	380/20	06/24/85
	4,768,229	08/30/88	Benjamin et al.	380/20	07/21/86
	4,785,420	11/15/88	Little	364/513.5	04/09/86
	4,796,181	01/03/89	Wiedmer	364/406	10/24/86
	4,805,020	02/14/89	Greenberg	358/147	02/03/87
	4,809,274	02/28/89	Walker et al.	371/37	09/04/87
	4,816,904	03/28/89	McKenna et al.	358/84	04/10/87
	4,825,050	04/25/89	Griffith et al.	235/379	09/13/83
	4,841,386	06/20/89	Schiering	360/69	09/11/87
	4,843,482	06/27/89	Hegendorfer	358/335	07/27/87
	4,855,842	08/08/89	Hayes et al.	358/342	08/06/87
	4,879,611	11/07/89	Fukui et al.	360/69	07/30/87
	4,885,579	12/05/89	Sandbank	340/825.72	04/25/88
	4,982,430	01/01/91	Frezza et al.	380/50	04/24/84
	4,993,066	02/12/91	Jenkins	380/16	02/26/87

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